

CLAIMS

1. A machine-implemented method comprising:
 - receiving input corresponding to a displayname of a data resource;
 - preparing a resource identifier of the data resource within a repository based on the input and naming conventions associated with the repository; and
 - preparing the displayname of the data resource based on the input.
2. The method of claim 1, wherein preparing the resource identifier comprises preparing the resource identifier such that the resource identifier resembles the displayname.
3. The method of claim 1, wherein preparing the displayname comprises modifying an existing displayname.
4. The method of claim 1, wherein preparing the resource identifier comprises generating the data resource and the resource identifier in the repository.
5. The method of claim 1, wherein preparing the displayname comprises setting a displayname property of the data resource if the repository supports display name properties.
6. The method of claim 1, wherein the displayname is a custom property of the data resource.
7. The method of claim 1, wherein the data resource comprises a link, the method further comprising:
 - determining if a target resource of the link has a displayname; and
 - if the target resource has a displayname, presenting the displayname of the target resource as a proposed displayname, otherwise presenting the resource identifier of the target resource as a proposed displayname.
8. The method of claim 1, wherein preparing the resource identifier comprises renaming the resource identifier based on the input.

9. The method of claim 1, wherein preparing the resource identifier comprises including at least a portion of the displayname in the resource identifier.

10. The method of claim 1, further comprising:
presenting the displayname to a user interface.

11. The method of claim 10, wherein presenting the displayname comprises presenting the displayname to the user interface and excluding the resource identifier from being presented to the user interface.

12. The method of claim 1, wherein the naming conventions associated with the repository comprise a naming convention that defines at least one set of characters to be excluded from the resource identifier and preparing the resource identifier based on that naming convention comprises:

if a proposed resource identifier has a set of character to be excluded from the resource identifier, mapping the set of characters to one or more characters that can be included in the resource identifier.

13. The method of claim 1, wherein the naming conventions associated with the repository comprise a naming convention excluding duplicate resource identifiers in a resource region and preparing the resource identifier based on that naming convention comprises:

modifying a proposed resource identifier if another data resource, in a same resource region as the data resource, has a second resource identifier that is identical to the proposed resource identifier.

14. The method of claim 1, wherein the naming conventions associated with the repository comprise a naming convention that retains content-type extensions in the resource identifier and preparing the resource identifier based on that naming convention comprises:

including a content-type extension in the resource identifier regardless of the input.

15. A system comprising:

- a plurality of repositories configured to store data resources; and
- an adapter operative to perform operations comprising:
 - receiving input corresponding to a displayname of a data resource;
 - preparing a resource identifier of the data resource within at least one of the repositories based on the input and naming conventions associated with the at least one of the repositories; and
 - preparing the displayname of the data resource based on the input.

16. The system of claim 15 further comprising a second adapter, wherein:

- the plurality of repositories comprise at least two types of repositories;
- each adapter corresponds to a type of repository; and
- each adapter is configured to prepare a resource identifier based on naming conventions associated with the type of repository corresponding to that adapter.

17. The system of claim 15, wherein the operation of preparing the resource identifier comprises preparing the resource identifier such that the resource identifier resembles the displayname.

18. The system of claim 15, wherein the adapter is further operative to perform operations comprising:

- presenting the displayname to a user interface such that the resource identifier is excluded from being presented to the user interface.

19. The system of claim 15, wherein

the naming conventions associated with the plurality of repositories comprise:

a first naming convention that defines at least one set of characters to be excluded from the resource identifier;

a second naming convention excluding duplicate resource identifiers in a resource region; and

a third naming convention that retains content-type extensions in the resource identifier; and

the operation of preparing the resource identifier based on the naming conventions comprises:

if a proposed resource identifier has a set of character to be excluded from the resource identifier, mapping the set of characters to one or more characters that can be included in the resource identifier;

modifying the proposed resource identifier if another data resource, in a same resource region as the data resource, has a second resource identifier that is identical to the proposed resource identifier; and

including a content-type extension in the resource identifier of the data resource regardless of the input.

20. An article comprising a machine-readable medium storing instructions operable to cause one or more machines to perform operations comprising:

receive input corresponding to a displayname of a data resource;

prepare a resource identifier of the data resource within a repository based on the input and naming conventions associated with the repository; and

prepare the displayname of the data resource based on the input.

21. The article of claim 20, wherein the operation of preparing the resource identifier comprises preparing the resource identifier such that the resource identifier resembles the displayname.

22. The article of claim 20, wherein the article further comprises instructions operative to cause the one or more machines to perform operations comprising:

present the displayname to a user interface such that the resource identifier is excluded from being presented to the user interface.

23. The article of claim 20, wherein:

the naming conventions associated with the repository comprise:

a first naming convention that defines at least one set of characters to be excluded from the resource identifier;

a second naming convention excluding duplicate resource identifiers in a resource region; and

a third naming convention that retains content-type extensions in the resource identifier; and

the operation of preparing the resource identifier based on the naming conventions comprises:

if a proposed resource identifier has a set of character to be excluded from the resource identifier, mapping the set of characters to one or more characters that can be included in the resource identifier;

modifying the proposed resource identifier if another data resource, in a same resource region as the data resource, has a second resource identifier that is identical to the proposed resource identifier; and

including a content-type extension in the resource identifier of the data resource regardless of the input.